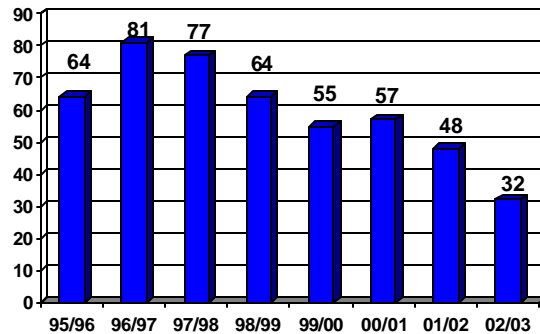


## VALUE ENGINEERING PROGRAM

### STUDIES CONDUCTED FY 96-03



- In 2001, the cost threshold for required Value Engineering was raised from \$2 million to \$5 million



Virginia Department of Transportation  
Management Services Division  
Value Engineering (VE)  
1401 East Broad Street  
Richmond, Virginia 23219  
Phone: (804) 786-7868  
Fax: (804) 371-0074

## VALUE ENGINEERING PROGRAM

### HISTORY

Since its creation in 1990, the VE Program has:

- Conducted 807 studies
- Achieved \$407 million in savings/cost avoidance
- Submitted 4,072 recommendations; 2,205 (54%) have been accepted
- Suggested 1,081 quality improvements
- Realized \$38 in savings/cost avoidance for every program dollar spent

Ron F. Garrett, CVS, State VE Manager  
Richmond District  
(804) 796-4501  
[Ron.Garrett@VirginiaDOT.org](mailto:Ron.Garrett@VirginiaDOT.org)

William M. Finney, CVS, Regional VE Manager  
Salem, Bristol and Lynchburg Districts  
(540) 387-5543  
[Mike.Finney@VirginiaDOT.org](mailto:Mike.Finney@VirginiaDOT.org)

Steven L. Butts, CVS-Life, Regional VE Manager  
Northern Virginia, Fredericksburg, Culpeper,  
Hampton Roads and Staunton Districts  
(804) 323-2911  
[Steve.Butts@VirginiaDOT.org](mailto:Steve.Butts@VirginiaDOT.org)

## VIRGINIA DEPARTMENT OF TRANSPORTATION

### MANAGEMENT SERVICES DIVISION

## VALUE ENGINEERING

## ANNUAL REPORT

**FY 02-03**

## FROM THE COMMISSIONER'S DESK



**Philip A. Shucet**  
Commissioner

"VDOT's Value Engineering Program provides a major element in our efforts to bring projects to completion on time and on budget by assisting us in keeping our eyes on the target while seeking innovative ways to accomplish our mission."

## VALUE ENGINEERING PROGRAM

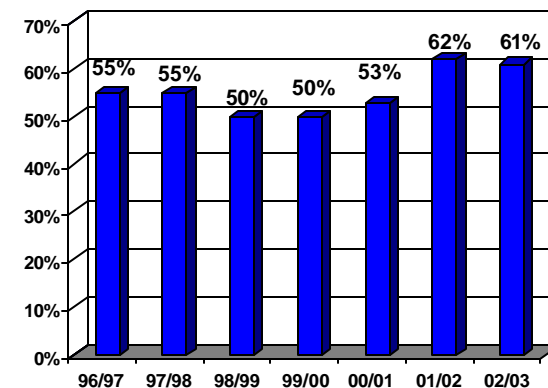
### MISSION

Obtain optimum value from transportation funds through the application of the VE process:

- Improve project quality
- Reduce overall life-cycle costs
- Promote innovation in highway design and construction
- Provide training in Value Engineering methods and principles

## FY 96-03

### ACCEPTED RECOMMENDATIONS



- Accepted by VDOT management and incorporated into project plans

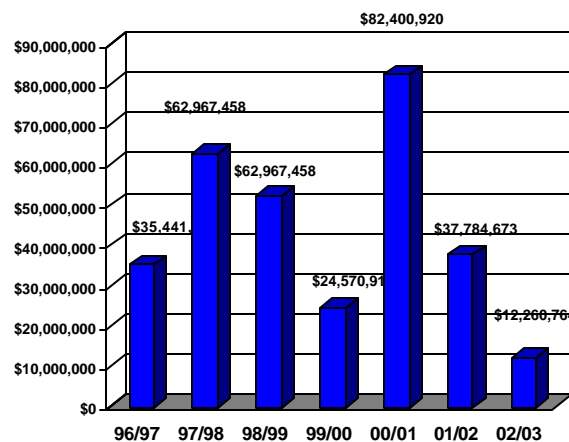
## VALUE ENGINEERING (VE) PROGRAM

### ACCOMPLISHMENTS FY 02-03

- Conducted VE studies on 23 construction and maintenance projects, and 9 special projects; a total of 32 studies
- Submitted 130 recommendations to the Chief Engineer (61% were accepted). These included 238 actions to minimize environmental impact, enhance operational performance or improve constructability
- Achieved \$12.3 million in savings/cost avoidance
- Realized a Return on Investment of 18:1
- Served as AASHTO VE Task Force Vice-Chairman

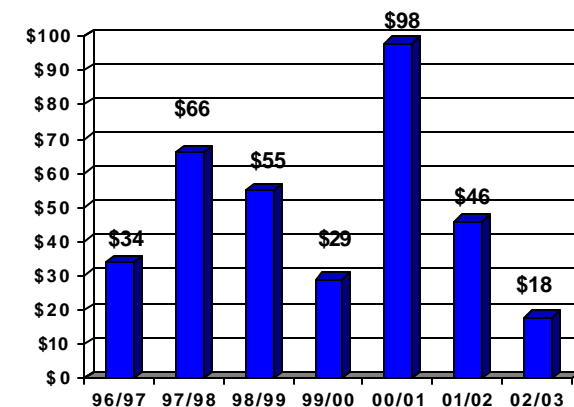
## FY 96-03

### SAVINGS/COST AVOIDANCE



## FY 96-03

### RETURN ON INVESTMENT



■ Dollars saved for each dollar spent on VE program